L Number	Hits	Search Text	DB	Time stamp
1	1	("5763943").PN.	USPAT;	2003/02/21 10:32
1		(3703343).118.	US-PGPUB; EPO; JPO;	2003/02/21 10.32
14	33	"image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor") AND	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/21 11:39
15	24	(chips! NEAR4 substrate) AND (substrate NEAR4 processing) @ad<19971006 AND (ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor") AND	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/21 11:54
16	169	(chips! NEAR4 (board OR pcb)) AND ((board OR Pcb) NEAR4 processing)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/21 11:56
17	3	processing) @ad<19971006 AND (358/514).CCLS. AND ((board OR Pcb OR substrate) NEAR4 processing)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/21 12:05
18	16	@ad<19971006 AND (348/207.99-376).CCLS. AND (((board OR Pcb OR substrate) NEAR4 processing) NEAR4 mount\$3)	USPAT; US-PGPUB; EPO; JPO;	2003/02/21 12:05
19	3	@ad<19971006 AND (358/514).CCLS. AND ((board OR Pcb OR substrate) NEAR6 processing)	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/21 12:05
20	7	@ad<19971006 AND (348/207.99-376).CCLS. AND (((board OR Pcb OR substrate) NEAR4 circuitry) NEAR4 mount\$3)	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/21 12:07
_	35	KOZUKA-HIRAKU.IN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/20 17:34
	9	((("photo sensor" OR photosensor) NEAR3 chip) SAME substrate).CLM.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/02/19 17:26
	1	("4776031").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/19 17:44
_	16 98	4776031.URPN. (ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor").CLM. AND substrate.CLM.	USPAT; USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/19 17:28 2003/02/19 17:32
-	4	AND noise.CLM. ((ccd OR "image sensor" OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR "imaging array" OR "pixel sensor").CLM. AND substrate.CLM. AND noise.CLM.) AND clamp\$3.CLM.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/02/19 17:44
-	12		USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/02/20 17:19
_	6	@ad<19980928 AND (348/300 OR 348/262 OR 348/264 OR 348/241 OR 348/265 OR 348/243).CCLS.	US-PGPUB	2003/02/19 18:20

-	322	@ad<19980928 AND 348/241.CCLS.	USPAT;	2003/02/19 18:22
			US-PGPUB;	
			EPO; JPO;	Ī
	0	@ad<19980928 AND (ccd OR "image sensor" OR	IBM_TDB USPAT;	2003/02/20 10:13
-	١	"image pickup" OR "image pick up" OR	US-PGPUB;	2003/02/20 10:13
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging device OK image sensing OK "imaging array" OR "pixel sensor") AND	IBM TDB	
		((shar\$3 OR common) NEAR3 (process\$3 OR	100	
		cds! OR "double sampling")) AND		
		((process\$3 OR cds! OR "double sampling")		
		NEAR5 substrate)		
-	120854	@ad<19980928 AND (ccd OR "image sensor" OR	USPAT;	2003/02/20 12:30
		"image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
	1.76	"imaging array" OR "pixel sensor")	IBM_TDB	
-	1476	(@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 12:59
		OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR	US-PGPUB; EPO; JPO;	
1		"imaging device OK image sensing OK "imaging array" OR "pixel sensor")) AND	IBM TDB	
		((shar\$3 OR common) NEAR3 (process\$3 OR	1511_1515	
		cds! OR "double sampling"))		
-	127	((@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 10:19
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")) AND	IBM_TDB	
		((shar\$3 OR common) NEAR3 (process\$3 OR	_	
		cds! OR "double sampling"))) AND		
		((process\$3 OR cds! OR "double sampling")		
1_	94	NEAR5 substrate) @ad<19980928 AND (358/514).CCLS.	HCDAM.	2002/02/20 16:30
-]	edd<19900920 AND (330/314).CCLS.	USPAT; US-PGPUB;	2003/02/20 16:30
			EPO; JPO;	
			IBM TDB	
_	1	("5528272").PN.	USPAT;	2003/02/20 12:38
			US-PGPUB;	
			EPO; JPO;	
	_	<u></u>	IBM_TDB	
_	5	("4567529" "4691114" "4737854"	USPAT	2003/02/20 12:39
	_	"5003380" "5528272").PN. ("4567529" "4691114" "4737854"		2002/00/00 10 40
	5	"5003380" "5528272").PN.	USPAT	2003/02/20 12:40
_	0	5592222.URPN.	USPAT	2003/02/20 12:49
_	14	("4363035" "4453187" "4499384"	USPAT	2003/02/20 12:49
1		"4573079" "4617471" "4646155"	001711	2003/02/20 12:43
		"4672453" "4691114" "4783842"		
1		"4835404" "4868405" "4875099"		
		"5109440" "5262870").PN.		
-	253	(@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 13:18
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")) AND	IBM_TDB	
		((shar\$3 OR common) NEAR3 output) AND chips!		
	228	((@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 13:19
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	2000,02,20 13.19
1		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging array" OR "pixel sensor")) AND	IBM TDB	
		((shar\$3 OR common) NEAR3 output) AND	_	
	İ	chips!) AND (cds! OR "double sampling" OR		
		difference OR differential OR		
	224	differentially OR dark OR noise)		
-	231	(@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 13:19
		OR "image pickup" OR "image pick up" OR "imaging device" OR "image sensing" OR	US-PGPUB;	
		"imaging array" OR "pixel sensor")) AND	EPO; JPO; IBM TDB	
		((share OR sharing OR shared OR common)	1011-100	
		NEAR3 output) AND chips!		

r -	206	((@ad<19980928 AND (ccd OR "image sensor"	TICDAM.	2003/02/20 13:20
-	206	OR "image pickup" OR "image pick up" OR	USPAT; US-PGPUB;	2003/02/20 13.20
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging device OK image sensing OK "imaging array" OR "pixel sensor")) AND	IBM TDB	
		((share OR sharing OR shared OR common)	1511_155	
1		NEAR3 output) AND chips!) AND (cds! OR		
1		"double sampling" OR difference OR		
		differential OR differentially OR dark OR		
		noise)		
_	3	("5233180" "5488415" "5717458").PN.	USPAT	2003/02/20 13:31
-	0	6184516.URPN.	USPAT	2003/02/20 13:32
-	10	KOZUKA-HIRAKU.IN. AND @pd<19980828	USPAT;	2003/02/20 13:40
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	16	("4835404" "4879470" "4910597"	USPAT	2003/02/20 14:31
		"5019702" "5162912" "5182447"		
		"5184006" "5233442" "5262870"		
		"5311320" "5331421" "5397944"		:
		"5451895" "5539196" "5693932" "5714752").PN.		
_	313	"5/14/52").PN. (@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 15:10
	313	OR "image pickup" OR "image pick up" OR	US-PGPUB;	2003/02/20 13:10
		"imaging device" OR "image sensing" OR	EPO; JPO;	
		"imaging device OK image sensing OK "imaging array" OR "pixel sensor")) AND	IBM TDB	
		(chips! NEAR4 substrate)		
-	186	((@ad<19980928 AND (ccd OR "image sensor"	USPAT;	2003/02/20 15:12
		OR "image pickup" OR "image pick up" OR	US-PGPUB;	
		"imaging device" OR "image sensing" OR	EPO; JPO;	
ļ		"imaging array" OR "pixel sensor")) AND	IBM TDB	
[(chips! NEAR4 substrate)) AND (cds! OR	_	
		"double sampling" OR difference OR		
		differential OR differentially OR dark OR		
		noise)		
ļ	9	4672453.URPN.	USPAT	2003/02/20 16:11
-	0	@pd<19980928 AND H04N001/46.IPC. AND	EPO; JPO	2003/02/20 16:20
		(chips! OR substrate) AND (cds! OR "double sampling" OR noise)		
_	0	@pd<19980928 AND H04N001/046.IPC. AND	EPO; JPO	2003/02/20 16:20
		(chips! OR substrate) AND (cds! OR "double	шо, ого	2003/02/20 10.20
		sampling" OR noise)	1	
-	0	@pd<19980928 AND H04N001/46.IPC. AND	EPO; JPO	2003/02/20 16:21
]		(chips! OR substrate) AND (cds! OR "double		
		sampling" OR noise)		
-	65	@pd<19980928 AND H04N001/46.IPC. AND	EPO; JPO	2003/02/20 16:21
		(chips! OR substrate)		
-	44	@ad<19980928 AND (348/374 OR 348/300 OR	USPAT;	2003/02/20 16:58
,		348/294).CCLS. AND chips!	US-PGPUB;	
			EPO; JPO;	
1_	5	5262870.URPN.	IBM_TDB	2002/02/20 16-26
_	1	("5321528").PN.	USPAT USPAT;	2003/02/20 16:36 2003/02/20 17:03
		(0021020).114.	US-PGPUB;	2003/02/20 1/:03
			EPO; JPO;	
			IBM TDB	
-	1	("5907178").PN.	USPĀT;	2003/02/20 17:05
			US-PGPUB;	
			EPO; JPO;	
			IBM_TDB	
-	1	("5763943").PN.	USPAT;	2003/02/20 17:05
			US-PGPUB;	
1			EPO; JPO;	
_	25		IBM TDB	2002/02/02 12 55
	25	@ad<19980928 AND (ccd OR "image sensor" OR "image pickup" OR "image pick up" OR	USPAT;	2003/02/21 10:57
		"image pickup OR "image pick up" OR "imaging device" OR "image sensing" OR	US-PGPUB; EPO; JPO;	
		"imaging device OK image sensing OR "imaging array" OR "pixel sensor") AND	IBM TDB	
[i		epd>20020828 AND clamp\$3	1011-100	
			l	

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-	28	@ad<19980928 AND (ccd OR "image sensor" OR	US-PGPUB	2003/02/20 17:30
		"image pickup" OR "image pick up" OR		
		"imaging device" OR "image sensing" OR		
		"imaging array" OR "pixel sensor") AND		
		clamp\$3		
-	4	KOZUKA-HIRAKU.IN. AND clamp\$3	USPAT;	2003/02/20 18:25
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	
-	1	("5321528").PN.	USPAT;	2003/02/20 18:25
			US-PGPUB;	
			EPO; JPO;	
			IBM TDB	